SAXON

USER MANUAL

INTRODUCTION

Thank you for choosing this Cue Lighting item. Before you start please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the device.

SAFETY INSTRUCTIONS

CAUTION!

♦ Please keep this User Manual for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

♦ Unpack and check carefully there is no transportation damage before using the unit.

♦ Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

♦ It's important to ground the yellow/green conductor to earth in order to avoid electric shock.

♦ The unit is for indoor use only. Use only in a dry location.

♦ The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked.

♦ Disconnect mains power before fuse/lamp replacement or servicing.

♦ Replace fuse/lamp only with the same type.

♦ Make sure there is no flammable materials close to the unit while operating as it is fire hazard.

♦ Use safety cable when flying this unit.

♦ Maximum ambient temperature is TA: 40°C. Don't operate it where the temperature is higher than this.

♦ In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance centre.

Always use the same type spare parts.

Please read carefully the instructions, which includes important information about the installation, usage and maintenance.

♦ Don't connect the device to any dimmer pack.

♦ Do not touch any wire during operation as high voltage might cause electric shock

Features:

Four operation modes: DMX 512 protocol, auto and master/slave and sound active operating

in various modes to form different led effects

DMX-512 connection / connection between fixtures

XLR-connection:

If you are using controllers with this light, you can connect the DMX-output of the controller directly with the DMX-input of the first fixture in the DMX-chain. If you wish to connect DMX-controllers with other XLR-outputs, you need to use adapter-cables.

Building a serial DMX-chain:

Connect the DMX-output of the first fixture in the DMX-chain with the DMX-input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected.

Optional: At the last fixture, the DMX-cable has to be terminated with a terminator. Solder a 120 resistor between Signal (–) and Signal (+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.

Connection with the mains

Connect the device to the mains with the enclosed power supply cable.

OPERATION

1. DMX 512 protocol

Addressing

The LED DISPLAY on the rear side of the base allows you to assign the DMX fixture address, which is defined as the first channel from which the item will respond to the controller. If you set, for example, the address to channel 7, the item will use channel 7 to 14 for control. Please, be sure that you don't have any overlapping channels in order to control each item correctly and independently from any other fixture on the DMX data link. If two, three or more items are addressed similarly, they will work similarly. At DMX mode you can choose the address from 1 to 512.After you connect the item to the mains, the item starts running. When the item finishes resetting, d-001 will flash in the led display you can then set the desired DMX address by pressing the UP or DOWN buttons.

Eight DMX channels:

Channel 1:motor running

0-190	Motor running directions adjustments
191-255	Motor running

Channel 2:red from small to big brightness(dimmig)
Channel 3: green from small to big brightness(dimmig)
Channel 4: blue from small to big brightness(dimmig)
Channel 5: white from small to big brightness(dimmig)
Channel 6:master dimmer from small to full brightness
Channel 7:increasing brightness, then decreasing brightness, colors following one by one

0-36	CH1/2/3/4/5/6 working
37-73	four colors increasing brightness, then decreasing brightness
74-100	four colors changing
111-147	mixed colors increasing brightness, then decreasing brightness
148-184	mixed colors changing
185-255	strobe from slow to fast, then from fast to slow when ch2/3/4/5/6/ working

Channel 8: running speed adjustments

0-244	speed from slow to fast when ch7 at 37-184, the speed adjustment works
255	sound active

2. Sound active

Press the MODE button, till BEAT shows in the led display, confirm by pressing ENTER, then the item will run to the beat of music.

3. Auto

Press the MODE button, the following functions can be achieved by pressing ENTER:
P0-0: run the preset shows: P0-P4 means 5 preset shows, -0 to -9 does color changing 10 speeds;
CF-0: increasing brightness, then decreasing brightness, CF-0 to CF-9 means 10 running modes;
CC-0: color changes, CC-0 to CC-9 means 10 running modes;
CS00: color selections, CS00 to CS99 means 100 colors;

4. Synchronization & master /slave mode

Take one item and set the item at sound active, or auto as above, then get other items and press the button MODE, till SUB shows in the led display, confirm by the button of ENTER, then connect the items to the item at auto/sound active already set by DMX cables, disconnect the items from DMX controller, the items will wok simultaneously, the item at auto/sound active as master, the others as slave.

LED DISPLAY:
***D001: DMX setting
***BEAT : sound active

***P0-0: preset shows
***P0-0 to P0-9: color changing speed modes
***CF-0: increasing brightness, then decreasing brightness
***CC-0: color changing
***CS00: color selections
***SUB: slave mode

TECHNICAL SPECIFICATIONS

Power supply: 90-240V AC 50/60Hz
Power consumption: MAX. 60W
Fuse: 250V 1.0A
DMX-control-channels: 8
DMX-512-connection: 3-pin XLR
Number of LED: 4 MCD LEDs
Flash-rate: max. 10 Hz
ITEM DIMENSION:240*230*240MM
ITEM WEIGHT:3.0KGS

Please note: Information is subject to change without prior notice.